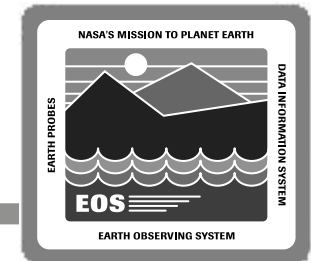


Concurrent Activities

Carol Chachulski

29 May 1997

FOS TRR Roadmap



Overview Material

FOS Overview

- TRR Objective
- Schedule & Status

Release B Summary

- Release Capabilities
- Release/Reqmt. Status
- Process Summary

Test Readiness Status

Development Status

- Unit Test Results Summary
- SDF Status

Integration Status

- SWIT Status & Results Summary
- NCR Status

EOC Installation Status

- Installation/Checkout Status
- Changes Since Release A
- Hardware, COTS, Software
- PCA Preparation

Test Procedure Status

- Test Procedure Development Process
- Requirements Mapping Status
- Test Data/Test Tools

EOC Test Processes/Plans

EOC Testing Plans

- Test Environment Status
- Test Schedule
- Test Activities
- Test Process

Concurrent Activities

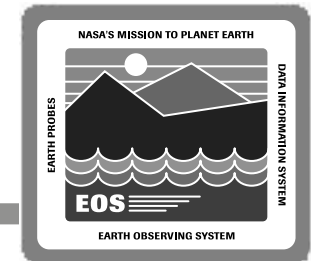
ECT-2

- Preparation Status
- Key Activities

IST Installation

- Status
- Key Activities
- Release B IST Integration Plan

ECT-2 Preparation Summary



A pre-test engineering version of the FOS Release B software will be used to support ECT-2

Regular meetings have been conducted with ESDIS and AM-1 personnel for ECT-2 planning the last several months

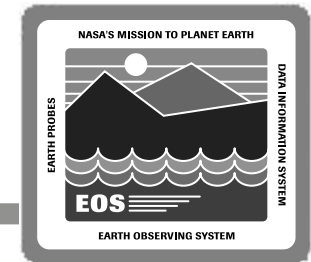
FOS has defined the ECT-2 functional baseline that it is working towards

- **This plan has been coordinated with NASA FOS and ESDIS ECT-2 Team**

ECT-2 FOS capabilities

- **Real-time commanding**
- **Real-time telemetry**
- **Loads and dumps**
 - **RTS loads**
 - **ATC loads**
 - **Spacecraft table loads**

ECT-2 Preparation



Flight Operations Team (FOT)

- **Provides the key role in preparing products for ECT-2**
 - **Display pages**
 - **Procedures**
 - **Test script**

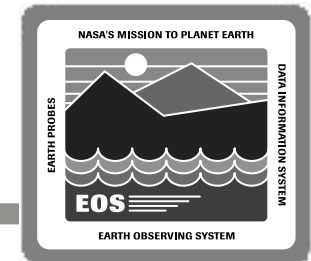
Integration Team

- **Focus on ensuring ECT-2 functionality is ready to support ECT-2 preparations and testing**

EOC Configuration

- **Operations LAN is dedicated to the FOT for ECT-2 preparation at the EOC**
- **Requisite set of servers, User Stations, and peripherals are provided to the FOT on the Operations LAN**

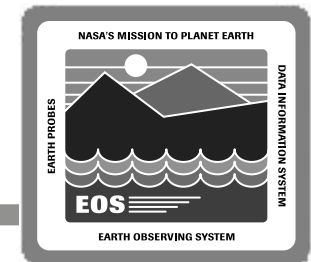
ECT-2 Preparation



PDB Status

- The current TRR-version of FOS Release B is configured with PDB#6
- PDB #12 has been defined as the ECT-2 PDB
- PDB #12 will migrate from the FOS DEV area to the INT area and the TEST area at the EOC before becoming available to the FOT at the EOC

FOS TRR Roadmap



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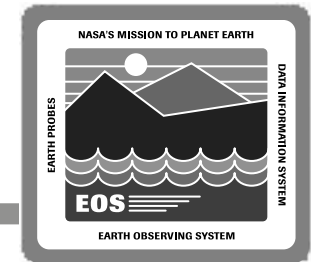
ECT-2

- Preparation Status
- Key Activities

IST Installation

- Status
- Key Activities
- Release B IST Integration Plan

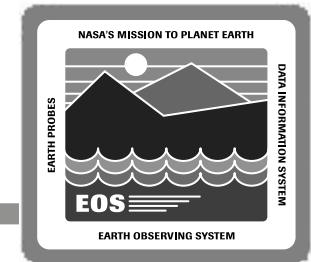
IST Installation



Release A IST Status

- FOS has provided ISTs for Release A to MODIS, CERES, MISR, and ASTER (Japan)
- Scheduled delivery to Valley Forge is 6/11/97
- MOPITT (Toronto) delivery is being still being coordinated
- The Release A IST software does not interoperate with the Release B FOS software at the EOC
- Instrument teams need to coordinate with the FOT if they want to test with the Release A configuration in 'connected' mode
 - Operations LAN is controlled by the FOT for ECT-2 test preparation
 - Support LAN dedicated to Release B test
- ISTs can continue to use the Release A software in 'standalone' mode

IST Installation



Release B Installation Plans

- **Release B IST installation is scheduled for the time period between 9/15/97 and 11/21/97**
- **Plan is to deliver at 1 IST installation site per week**
 - **Remote checkout by IST installation team will be performed prior to on-site checkout**
 - **Sites include MODIS/GSFC; CERES/Langley; MISR/JPL; ASTER/Japan and ASTER/JPL; MOPITT/Toronto and MOPITT/Colorado; AM-1 SDF/VF; SDVF FSTB/GSFC; and FDD/GSFC**